

Gas cartridges

1

C 206 GLS pierceable cartridge

Piercing cartridge with integrated gas lock system according to EN 417: 2012. For bunsen burner without safety valve. For bunsen burners Labogaz® 206 and Soudogaz blow torches.

CV470 Plus and CV 300 Plus valve cartridge

With safety valve. For bunsen burner Labogaz® 470.

CV 360 valve cartridge

With safety valve. For gas-safety burner schuett phoenix (Cat.-No. 9.018 761).



6.243 905

Safety valve allows removal of partially used valve gas cartridges.



H phrases: H220

Type	Description	Height mm	Capacity g	PK	Cat. No.
C 206 GLS	Gas ratio 80/20 Butane/Propane	90	190	1	9.018 520
C 206 GLS	Gas ratio 80/20 Butane/Propane (large pack)	90	190	36	6.261 010
CV 300 Plus	Gas ratio 80/20 Butane/Propane	105	240	1	6.243 905
CV 470 Plus	Gas ratio 80/20 Butane/Propane	140	450	1	9.018 512
CV 470 Plus	Gas ratio 80/20 Butane/Propane (large pack)	140	450	12	6.261 011
CV 360	Butane	140	52	1	9.018 519

Suitable accessories can be found in our online shop.

2 Safety Bunsen Burners Flame¹⁰⁰

The safe alternative for all traditional Bunsen or alcohol burners.

WLD-TEC

Multi-Use: The Flame¹⁰⁰ is ideally suited for all flame related applications in the laboratory. The precision flame allows graduated heating of dental tools as well as safe sterilization of microbiological instruments. Flame size and intensity can be adjusted infinitely.

Easy operation: The safety Bunsen burner Flame¹⁰⁰ activates immediately with the push of a button. No match or a pilot flame are required. Optionally, the Flame¹⁰⁰ can also be operated by a foot pedal or an external infrared motion sensor. The Flame¹⁰⁰ is suitable for stationary natural gas and propane/butane gas supplies as well as gas cartridges or gas cylinders. Numerous adapter systems are optionally available.

Reliable safety: The proven Safety Control System (SCS) is also incorporated in the Flame¹⁰⁰. All potential hazards are constantly monitored and, if necessary, protective measures, such as shutting off the gas supply, are activated. In addition to the ignition and flame control function and the overheating protection the safety package also features the continuous burner head control BHC. BHC unflinchingly identifies burner head clogging by liquids or solid substances. Approved by DIN-DVGW, approval no. NG2211AS0167. 2 years warranty.

Description	PK	Cat. No.
Safety Bunsen burners Flame ¹⁰⁰	1	6.261 226

2



1



6.232 207

Safety Laboratory Gas Burners Fuego SCS series

WLD-TEC

Suitable for all flame related applications in the laboratory. The low profile body facilitates ergonomic operation; the streamlined design reduces air flow disturbances in a Cleanroom workbench. The Fuego SCS series can be operated with foot pedal, button function or touch free IR-Sensor. Made of stainless steel, with fireproof controls.

- SCS Safety Control System with gas safety cut off: Ignition and flame control, temperature monitor, automatic unit switch off, residual heat display, burner head assembly monitor.
- BHC Burner Head Control.
- Removable burner head.
- Tilt mechanism right/left.
- Turbo flame.
- Holding device for 3 inoculation loop holders.
- Operation with stationary natural gas and propane/butane gas supplies, cartridge gas or gas cylinders.
- Approved by DIN-DVGW, approval no. NG2211AS0167.
- Warranty: 2 years.

Fuego SCS basic/ Fuego SCS basic RF: With stainless steel foot pedal. The foot pedal regulates the burning time either by continuous foot pressure or by start-stop function. Instrument with ON/OFF button function. Basic model without IR-Sensor and without graphic display.

Fuego SCS basic RF: Features as Fuego SCS basic but enables wireless operation due to modern radio foot pedal.

2



6.231 770

Fuego SCS/Fuego SCS pro: with Double-Click IR-sensor, button function and foot pedal operation. (foot pedal optional). Double-Click IR-sensor: This adjustable safety function ensures that the burner can only be ignited by activating the IR-Sensor twice. Adjustable IR-sensor reaction distance: 5mm to 50mm.

Illuminated graphic display: The animated, self-explanatory and language-less symbol display facilitates a rapid selection of all functions. 6 standard-programs with count down display: 1sec to 2hrs selectable.

The first safety laboratory gas burner with comfort package: Cooling time reminder for inoculation loops, temperature regulation for heating media, gas consumption display for gas cartridges, flexible and individual by selecting user account, acoustic signals as operating aids.

Additional safety assistance: Zero-pressure shut off for a pressureless gas hose. Graphical installation instructions facilitate the initial start-up.

Fuego SCS pro: Features as Fuego SCS, plus battery operation (9hrs), 2 rechargeable batteries (Mignon AA), fast charge function (3hrs) and safety tilt sensor.

Additional accessories are available on request.

Specifications

Dimensions (W x D x H):	103 x 130 x 49mm
Power supply:	100-240V 50/60Hz, max. 0.3A; 9 V DC, 1.3 A
Weight:	700g

Type	PK	Cat. No.
Fuego SCS basic	1	6.232 207 1
Fuego SCS basic RF	1	6.255 678
Fuego SCS	1	6.231 770 2
Fuego SCS pro	1	9.018 584

We can **supply** this
manufacturer's
whole
product range !



Safety Laboratory Gas Burners *gasprofi 1* SCS micro

Safe gas burner for sterilizing, heating and other flame related applications. In the event of unforeseen extinction, the flame is automatically re-ignited. If the flame extinguishes and does not re-ignite, the burner automatically closes the gas supply.

WLD-TEC

- Safety Control System (SCS) with ignition and flame control function and over temperature protection
- All outer components made of stainless steel
- Dismountable burner head
- Space-saving
- Low working height
- Operation with stationary natural gas and propane/butane gas supplies, cartridge gas or gas cylinders
- Energy saving
- Tilt adjustment
- Approved by DIN-DVGW, approval no. NG2211AS1067
- 2 years guarantee

***gasprofi 1* SCS micro *school* edition**

- Optimal safety in schools
- Button function
- 2 standard programs for button (function knob) and foot pedal
- Optional operation via foot pedal or external DoubleClick IR sensor

***gasprofi 1* SCS micro**

- Optimal in clean room workstations and in laboratories
- DoubleClick IR sensor, button function and stainless steel foot pedal
- 5 standard programs for IR sensor, button (function knob) and foot pedal
- IR sensor with adjustable operating distance
- Burner head control (BHC) and residual heat indicator
- Holding device for 3 inoculation loop holders

Specifications

Dimensions (W x D x H): 85 x 86 x 49 mm
 Weight: 700 g
 Power supply: 100-240 V, 50/60Hz, max. 0.3 A/9 V DC, 1.3 A



6.701 105



7.657 840

Type	PK	Cat. No.
<i>gasprofi 1</i> SCS micro	1	6.701 105
<i>gasprofi 1</i> SCS micro <i>school</i> edition	1	7.657 840

Accessories for Safety Laboratory Gas Burners *gasprofi 1* SCS micro/Fuego SCS

WLD-TEC

Type	PK	Cat. No.
Adapter for cartridges CV 360	1	6.233 324
Windshield, stainless steel	1	6.081 539
Spray protector	1	6.081 736
Carrousel for annealing of inoculation loops (<i>gasprofi</i>)	1	7.672 054
Carrousel for annealing of inoculation loops (<i>Fuego</i>)	1	6.242 237



6.081 539



6.081 736

Microbiology/Sterilizers and burners



9.018 760



9.018 761



9.018 798



7.930 139



9.018 752

Safety Bunsen Burner, schuett phoenix II

For sterilising, heating, flame sterilising. For use in every microbiological laboratory or in safety cabinets. Modern Bunsen burner with state-of-the-art safety features plus outstanding quality characteristics:

schuett-biotec

- Controlled burning time 1 sec to 120 min (selectable)
- Automatic safety shut-off (selectable)
- Overheating protection/burner control by sensors
- Precise economic flame regulation (stable flame in strong air current)
- Flame and ignition monitoring
- "Push-and-Twist" bayonet fixture for burner head, no tools needed for cleaning
- Tilting right or left

Operating status, safety notes and warnings pictures and full text (color display) written language for most international languages. Brilliant colour display. Unique Joy-Stick navigation. Operating modes: by hand or with foot pedal or motion sensor. Housing made of stainless steel and safety glass. UV- and solvent resistant. For ease of cleaning and flame-sterilising. Suitable for use with natural gas (central gas) or butane/propane gas (gas cartridges). Integrated stand for tilting right or left. Safety standard acc. to DIN 30665 part 1, DIN-DVGW

schuett phoenix II eco: (with LED control lamp and foot-switch) Start flame by foot-switch or button (On/Off). Best suited for use in microbiological safety cabinets. Best price to performance ratio.

schuett phoenix II standard: (brilliant colour display, selection of native language, sensor and foot-switch)

Start/Stop flame by activating sensor 1x or 2x, use foot switch or press button by hand. Continuous display of timer.

schuett phoenix II accu: (brilliant colour display, selection of native language, sensor and built-in extra heavy duty power cells) Start/stop flame by activating sensor 1x or 2x, use foot-switch or press button by hand. Continuous display of timer and battery power. Operates for up to 30 hours, intermittent use. Complete with battery charger for 3 hour recharging. Ideal for mobile usage.

Power supply: 100 - 240 V, 50/60 Hz

Flame sterilization carousels semi- and fully automated: For precise and time-controlled flaming of different kinds of inoculating loops. Minimization of gas consumption, the life of the inoculating loops is significantly increased. The inoculating loop is placed into the carousel after use and is sterilized immediately after turning the holder in flaming position. Sterilization time infinitely adjustable. Designed for continuous work-flow with sample series in the Laminar Flow.

Semi-automated: schuett easyloop (for 6 Inoculating loop holders, included): Comfortable manual rotation, fully automated flaming process. For use with Safety Bunsen Burners schuett phoenix II standard and accu. Sterilization time: 3 to 5 s (adjustable from 1 s to 120 min)

Fully automated: schuett flammy R (for 5 Inoculating loop holders, included): Fully automated rotation and inoculating. In combination with a standard gas-safety-burner (e.g. schuett phoenix II). Sterilization time: 2 to 10 s

Type	Width mm	Depth mm	Height mm	Weight g	PK	Cat. No.
schuett phoenix II eco*	128	160	85	1000	1	9.018 760 1
schuett phoenix II standard*	128	160	85	1000	1	9.018 761 2
schuett phoenix II accu	128	160	85	1000	1	9.018 762
schuett easyloop	150	190	310	900	1	9.018 798 3
schuett flammy R	100	160	345	2000	1	9.018 779

*incl. foot switch, stainless steel

Accessories for gas-safety burner schuett phoenix II

schuett-biotec

Type	PK	Cat. No.
Adapter for gas cartridges CV 360 incl. pressure reducer	1	7.930 139 4
Adapter for gas cartridges C 206*	1	6.244 006
Adapter for gas cartridges CV 300/470*	1	6.240 475
Adapter for gas cartridges CP 250*	1	9.018 750
Adapter for gas cartridges CG 1750*	1	9.018 751
Windshield, stainless steel	1	9.018 752 5
Glass spatter guard	1	9.018 753
Gas safety hose with threaded screw connections for propane/butane 0.5m	1	9.018 754
Gas safety hose with threaded screw connections for propane/butane 2.0m	1	9.018 755
Hot-Tray, stainless steel, height-optimized	1	9.018 756
Instrument tray	1	9.015 757
Foot-switch, stainless steel	1	9.018 758

* Incl. pressure regulator and 0.5m safety gas tubing.